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| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 09/684,340  | 10/10/2000  | Wing Man Yu          | 400880              | 2236             |
| 23548   | 7590        | 12/04/2003           | EXAMINER            |                  |
| LEYDIG VOIT & MAYER, LTD<br>700 THIRTEENTH ST. NW<br>SUITE 300<br>WASHINGTON, DC 20005-3960 |             |                      | GRAY, DAVID M       |                  |
|   |             |                      | ART UNIT            | PAPER NUMBER     |
|   |             |                      | 2851                |                  |

DATE MAILED: 12/04/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                 |              |  |
|------------------------------|-----------------|--------------|--|
| <b>Office Action Summary</b> | Applicati n No. | Applicant(s) |  |
|                              | 09/684,340      | YU ET AL.    |  |
|                              | Examin r        | Art Unit     |  |
|                              | David M Gray    | 2851         |  |

-- The MAILING DATE of this communication appears on th cover sh t with the correspondenc address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 10 October 2000.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 October 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All   b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                  | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____                                    |

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-8 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Suzuki et al.

The claimed “elongate projection module having a light source” is met by projection system 21 having light source C1, see figure 9. The claimed “first objective lens” is met by projection lens L1. The claimed “first photographic grid” is met by grating G1. The claimed “elongate imaging module” is met by photographing system 20. The claimed “second objective lens” is met by focusing lens L. The claimed “second photograph grid” is met by grating G. And the claimed “imaging means” is met by camera C.

Regarding claim 2, Suzuki et al. teaches the camera can be a digital camera, see column 5, lines 9-24.

Regarding claims 3-8, the structural relationships of these claims is met by the structure of Suzuki et al.

Claims 1-8 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Halioua.

The claimed “elongate projection module having a light source” is met by the projection system shown on the left side of figure 3. The claimed “first objective lens” is met by lens L1. The claimed “first photographic grid” is met by grating G1. The claimed “elongate imaging

module” is met by the imaging system in the center of figure 3. The claimed “second objective lens” is met by lens L0. The claimed “second photograph grid” is met by grating G0. And the claimed “imaging means” is met by camera 40.

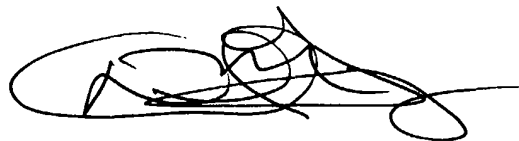
Claims 1-8 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Kobayashi et al.

The claimed “elongate projection module having a light source” is met by projection optical system 26 having light source 32, see figure 3. The claimed “first objective lens” is met by projection lens 42. The claimed “first photographic grid” is met by projection grating 40. The claimed “elongate imaging module” is met by observation optical system 28. The claimed “second objective lens” is met by taking lens 44. The claimed “second photograph grid” is met by observation reference grating 46. And the claimed “imaging means” is met by CCD camera 52.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David M Gray whose telephone number is 703-308-1698. The examiner can normally be reached on M-T & T-F 7:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Russ Adams can be reached on 703-308-2847. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

A handwritten signature in black ink, appearing to read 'David M Gray', with a large, stylized flourish extending from the end of the signature.

David M Gray  
Primary Examiner  
Art Unit 2851